

Converting Colors

CIELCh(77, 10.538, 65.730)

Have a look what the booklet for
CIELCh(77, 10.538, 65.730) contains.

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Color

CIELCh(77, 10.507, 65.033)

Conversions

Conversions Part 1

Format	Color
Hex	CEBBAD
RGB	206, 187, 173
RGB Percent	81%, 73%, 68%
CMY	0.1931, 0.2676, 0.3225
CMYK	0.00, 0.09, 0.16, 0.19
HSL	25°, 25%, 74%
HSV	25°, 16%, 81%
XYZ	50.6231, 51.5317, 46.6922
YIQ	191.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

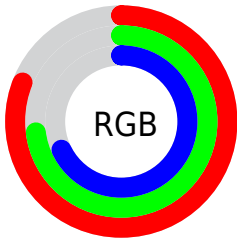
Format	Color
R _Y B	206, 197, 173
Decimal	13548461
CIE Lab	77.00, 4.43, 9.53
CIE LCh	77, 10.507, 65.033
Yxy	51.5317, 0.3401, 0.3462
Android (android.graphics.Color)	4291738541 (0xFFCEBBAD)
YUV	191.0850, -8.9159, 13.0805
Hunter-Lab	71.7856, 0.2531, 11.6854

Details

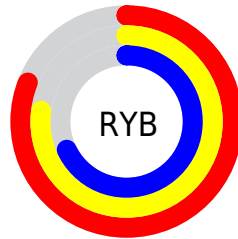
The CIELCh color $77, 10.507, 65.033$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.885, 248.861$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 8.795, 79.794$, and $57, 10.250, 65.704$ is the 20% darker color. If you saturate the color by 10%, you get $74, 17.580, 63.993$, and if you desaturate by 10%, it is $81, 3.838, 66.054$.

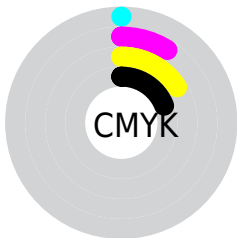
Distribution



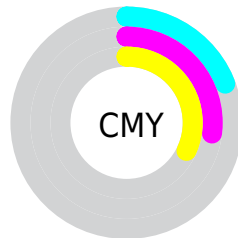
- Red (81%)
- Green (73%)
- Blue (68%)



- Red (81%)
- Yellow (77%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 10.507, 65.033 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 77, 10.507, 65.033 by changing the saturation by 10% instead.

■ 77, 10.507, 65.033

■ 77, 10.507, 65.033

■ 100, 10.507,
65.033

■ 67, 10.507, 65.033

■ 97, 10.507, 65.033

■ 57, 10.507, 65.033

■ 47, 10.507, 65.033

■ 37, 10.507, 65.033

■ 27, 10.507, 65.033

■ 17, 10.507, 65.033

■ 7, 10.507, 65.033

■ 0, 10.507, 65.033

■ 77, 10.507, 65.033

■ 77, 10.507, 65.033

74, 17.580, 63.993

81, 3.838, 66.054

70, 25.087, 62.951

84, 2.465, 247.420

67, 33.035, 61.932

88, 8.439, 248.359

64, 41.393, 60.935

91, 14.101,
249.289

61, 50.042, 59.930

94, 13.982,
218.124

58, 58.688, 58.831

55, 66.713, 57.432

97, 16.329,
198.421

53, 73.063, 55.353

52, 75.317, 54.510

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77, 10.507, 65.033



77, 9.885, 248.861

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 10.507, 65.033



77, 10.507, 115.033



77, 10.507, 245.033



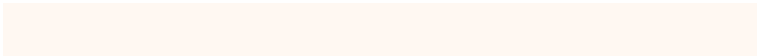
77, 10.507, 295.033

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77, 10.507, 65.047



98, 3.774, 66.136



74, 16.104, 340.660



52, 2.580, 66.077



0, 0.000, 0.000



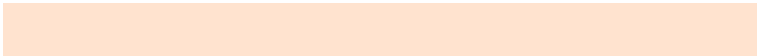
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 10.507, 65.047



92, 14.962, 64.710



81, 15.987, 104.939



41, 3.619, 65.733



42, 63.841, 55.130



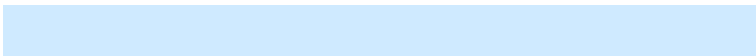
7, 14.528, 48.794

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 9.885, 248.861



91, 13.885, 249.331



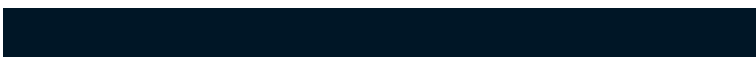
72, 16.473, 288.449



41, 3.501, 247.989



40, 44.536, 275.145



6, 13.767, 263.261

Previews

White Background



This preview shows how the CIELCh color 77, 10.507, 65.033 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 10.507, 65.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

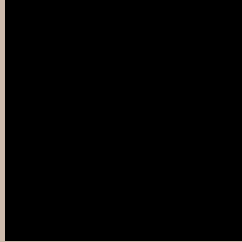
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 10.507, 65.033

Background



This preview shows how black text looks on a background with the CIELCh color 77, 10.507, 65.033.



This preview shows how white text looks on a background with the CIELCh color 77, 10.507, 65.033.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77, 10.507, 65.033

Protanopia

77, 8.951, 91.926

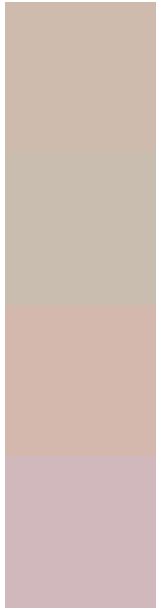
Deuteranopia

77, 13.611, 43.299



Tritanopia
77, 12.234, 342.617

Trichromacy



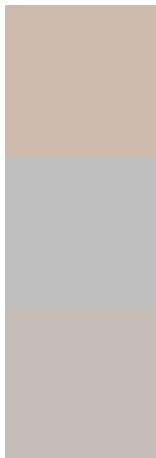
Original Color
77, 10.507, 65.033

Protanomaly
77, 9.057, 81.586

Deuteranomaly
77, 12.412, 48.296

Tritanomaly
77, 9.290, 6.840

Monochromacy



Original Color
77, 10.507, 65.033

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.733, 65.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 10.507, 65.033 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 10.507, 65.033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 187, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 187, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 187, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 10.507, 65.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
187, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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